

IN THE CLAIMS

For the convenience of the Examiner, all pending claims of the present Application are shown below in numerical order whether or not an amendment has been made.

1. **(Currently Amended)** A method for providing an extensible macro language comprising:

maintaining a predefined macro language comprising a plurality of keywords and a plurality of associated commands for execution;

using a parser to parse ~~parsing~~ a macro language expression to identify a new keyword in the macro language expression that is not within the plurality of keywords in the predefined macro language;

retrieving, from a registry of keywords and associated executable codes, an executable code associated with the new keyword identified in the macro language expression, the executable code corresponding to a procedure not performed by the execution of the predefined macro language; and

using a macro processor to execute ~~executing~~ the executable code retrieved from the registry to run the extended macro command associated with the new keyword in the macro language expression without recompiling the macro language, the executable code associated with the new keyword not included in the predefined macro language and resulting in the performance of a procedure not performed by execution of the predefined macro language alone.

2. **(Previously Presented)** The method of Claim 1, further comprising:

extending the registry of keywords and associated executable codes by inserting a new keyword representing a new extended macro command and a new executable code associated with the new keyword.

3. **(Previously Presented)** A system for providing an extensible macro language, comprising:

a macro handler operable to maintain a predefined macro language comprising a plurality of keywords and a plurality of associated commands for execution;

a parser operable to parse a macro language expression to identify a new keyword in the macro language expression that is not within the plurality of keywords in the predefined macro language; and

a registry of keywords and associated executable codes, including one or more keywords and one or more executable codes that are not included in the predefined macro language, each keyword being associated with a respective one of the executable codes, each executable code corresponding to a procedure not performed by the execution of the predefined macro language,

wherein the macro handler is further operable to receive the new keyword from the parser, retrieve, from the registry of keywords and associated executable codes, the executable code associated with the new keyword identified within the macro language expression, and execute the retrieved executable code to run the extended macro command associated with the new keyword without recompiling the macro language, the executable code associated with the new keyword not included in the predefined macro language and resulting in the performance of a procedure not performed by execution of the predefined macro language alone.

4. **(Previously Presented)** The system of Claim 3, wherein the registry of keywords and associated executable codes is operable to be extended to include one or more new keywords and one or more new executable codes, each new keyword being associated with a respective one of the new executable codes.

5. **(Canceled)**

6. **(Previously Presented)** The method of Claim 1, wherein the executable code includes machine operable instructions.

7. **(Canceled)**

8. **(Canceled)**

9. **(Previously Presented)** A computer-readable medium encoded with logic operable, when executed on a computer processor, to perform the steps, comprising:

maintaining a predefined macro language comprising a plurality of keywords and a plurality of associated commands for execution;

parsing a macro language expression to identify a new keyword in the macro language expression that is not within the plurality of keywords in the predefined macro language;

retrieving, from a registry of keywords and associated executable codes, an executable code associated with the new keyword in the macro language expression, the executable code corresponding to a procedure not performed by the execution of the predefined macro language; and

executing the executable code retrieved from the registry to run the extended macro command associated with the new keyword in the macro language expression without recompiling the macro language, the executable code associated with the new keyword not included in the predefined macro language and resulting in the performance of a procedure not performed by execution of the predefined macro language alone.

10. **(Previously Presented)** The method of Claim 1, wherein identifying the new keyword in the macro language expression comprises recognizing one or more tokens in the macro language expression, and the method further comprises determining based on the predefined macro language that each token indicates the presence of a new macro command associated with the new keyword that is not included in the predefined macro language.

11. **(Previously Presented)** The method of Claim 1, further comprising breaking the macro language expression down into a plurality of elements, at least one of the plurality of elements comprising a pointer to the extended macro command.

12. **(Previously Presented)** The method of Claim 1, wherein the registry of keywords comprises a table of keywords and associated macro commands.

13. **(Previously Presented)** The method of Claim 1, wherein the registry of keywords comprises a database of keywords and associated macro commands.

14. **(Previously Presented)** The system of Claim 3, wherein when identifying the new keyword in the macro language expression the parser is operable to:

recognize one or more tokens in the macro language expression; and

determine based on the predefined macro language that each token indicates the presence of a new macro command associated with the new keyword that is not included in the predefined macro language.

15. **(Previously Presented)** The system of Claim 3, wherein the parser is further operable to break the macro language expression down into a plurality of elements, at least one of the plurality of elements comprising a pointer to the extended macro command.

16. **(Previously Presented)** The system of Claim 3, wherein the registry of keywords comprises a table of keywords and associated macro commands.

17. **(Previously Presented)** The system of Claim 3, wherein the registry of keywords comprises a database of keywords and associated macro commands.

18. **(Previously Presented)** The computer-readable medium of Claim 9, further operable to identify the new keyword in the macro language expression by:

recognizing one or more tokens in the macro language expression; and

determining based on the predefined macro language that each token indicates the presence of a new macro command associated with the new keyword that is not included in the predefined macro language.

19. **(Previously Presented)** The computer-readable medium of Claim 9, further operable to perform the step of breaking the macro language expression down into a plurality of elements, at least one of the plurality of elements comprising a pointer to the extended macro command.

20. **(Previously Presented)** The computer-readable medium of Claim 9, wherein the registry of keywords comprises a table of keywords and associated macro commands.

21. **(Previously Presented)** The computer-readable medium of Claim 9, wherein the registry of keywords comprises a database of keywords and associated macro commands.

22. **(Previously Presented)** The method of Claim 1, wherein the executable code retrieved from the registry to run the extended macro command associated with the new keyword in the macro language expression is executed without modifying the source code of the macro language.